

# EUROPEAN PATENT OFFICE

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APPLICANT : IGAKU SEIBUTSUGAKU KENKYUSHO:KK;

INVENTOR : HACHIYA TAKAHISA;

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TITLE : IMMUNOLOGICAL MEASURING METHOD AND MEASURING KIT FOR FAS ANITIGEN

ABSTRACT : PROBLEM TO BE SOLVED: To simply measure a large amount of specimens without any influence of enzymically cut Fas antigen and with good sensitivity.

SOLUTION: As a standard substance, Fas antigen originating in WR19L-12a cell is used, an anti-Fas antibody specifically coupled to a cell inner area of Fas antigen is coupled to a microplate to be taken as a solid phase antibody, and an anti-Fas antibody specifically coupled to a cell outer area of Fas antigen is subjected to labeling to be taken as a labeling antibody. A specimen containing Fas antigen and a solid phase antibody are made react with each other to form a solid phase antibody-Fas antigen complex. After that, the complex is processed by a labeling antibody to label the complex trapped to the microplate with POD. The color forming amount of coloring substrate by POD is quantitatively determined to quantitatively determine Fas antigen.

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